

Online Plumbing Continuing Education

Course Name: Plumbing - Continuing Education

Code Year: Code-referenced only *(IFGC/IPC/UPC/OSHA)

Course Credit Hours: 6 hours (6 timed modules at 50 minutes each)

Course Fee: \$50

Course Timer:

Each module is timed, requiring the client to be engaged in active study in order to progress. Inactivity results in progress termination. Each module includes a test, and requires a passing score to continue.

Course Instructor: E.K. Becerra [OK#92710]

Course Availability:

Course is available online 24/7 at www.CEUOK.com until 01/01/2016. [*Pending Approval]

Module 1: Water Heaters

- Definitions
- Types of water heaters
- Water Heater Requirements
 - Appliances in Attics
 - Installation in Residential Garages
 - Installation of Appliances on Roofs
 - Energy efficiency
 - Sizing Storage and Heat Pump (with Tank) Water Heaters

Module 2: Gas Piping Installations

- Definitions
- General Piping Considerations
- Gas Pipe Sizing
 - Maximum Gas Demand
 - Allowable Pressure Drop
 - Maximum Design Operating Pressure
 - General Piping Considerations
 - Longest Length Method

Module 3: Appliance Venting Systems

- Definitions
- Chimneys and Vents
- Vent System Sizing
 - Gas Vent Terminations
 - Category I Appliances
 - Vent Area and Diameter
 - Vent Connector Size Limitation
 - Roof Terminations

Module 4: Soldering and Brazing According to B-828 Standards

- Definitions
- Safe Drinking Water Act
- AWS 3-T Rule
- ASTM B-828
 - Measuring and Cutting
 - Tube Reaming
 - Tube Cleaning
 - Soldering Flux
 - Assembly and support

Module 5: Industrial Hygiene

- What is Industrial Hygiene?
- OSHA and Industrial Hygiene
- Recognize and Control Hazards
 - Air contaminants
 - Chemical
 - Biological
 - Physical
 - Ergonomic hazards

Module 6: Construction Plans & Print Reading

- Parts of a Blueprint
- Projections and Views
- Structural and Architectural Drawings
- Construction Plans